



CITY OF HALF MOON BAY

CITY HALL • 501 MAIN STREET
HALF MOON BAY, CALIFORNIA 94019

Telephone (415) 726-5566

From The Office of
City Engineer

October 2, 1973

Mr. Larry F. Walker, Manager
Clean Water Grant Program
State Water Resources Control Board
Division of Water Quality Control
Room 1140, Resources Building
1416 Ninth Street
Sacramento, Ca. 95814

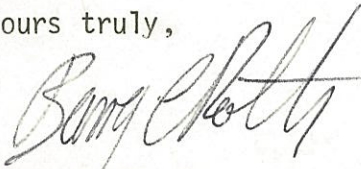
RE: KEY ACTION QUESTIONNAIRE

Gentlemen:

We transmit herewith the Key Action Questionnaire covering the Half Moon Bay - Midcoastside Subregional Water Quality Control Program in accordance with your request.

Please recognize that implementation of the program is dependent upon receipt of a Step 1 grant as previously discussed with you. Please provide us with the appropriate forms as soon as possible.

Yours truly,


Barry C. Roth
City Engineer

BCR:cs

Encl.

cc: W. Fred Mortensen, City Manager
Max E. Burchett, Yoder-Trotter-Orlob & Assoc.

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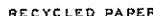
RECEIVED
OCTOBER 11 1973
SACRAMENTO
COUNTY BOARD
PUBLIC WORKS DEPARTMENT

CALIFORNIA CLEAN WATER GRANT PROGRAM
KEY ACTION QUESTIONNAIRE - F.Y. 1973-74

1. Applicant Agency (Name/Address): City of Half Moon Bay
P.O. Box 67
Half Moon Bay, Ca. 94019
2. Project Description (as it appears on the Priority List) _____
Interceptor & treatment facilities - Stage 2
3. Priority Class: D
4. Assigned Project Report Due Date: March 1, 1974
5. Key contact (Name/Title): Barry C. Roth, City Engineer

Phone number: 415 - 326-2180 726 - 5566
6. Regional Board San Francisco Bay Area Basin Area 2
7. Political Representatives:
U.S. Congressman: Hon. Leo Ryan
State Senator: Hon. Arlen Gregorio
State Assemblyman: Hon. Dixon Arnett
8. Does your Agency intend to diligently implement above noted Clean Water Project (or alternate thereto) and file a project report for a Clean Water Grant? xxx Yes ___ No
Explain a "no" answer. _____

9. Do you expect to be able to submit complete project report by the assigned due date? ___ Yes x No
If "no" have you requested a revised due date? x Yes No



10. Have you engaged a consultant to conduct engineering investigations and complete a project report? ☒ Yes ☐ No

Explain a "no" answer. Initial studies & report previously completed
were submitted October 1, 1972. A supplemental report is to be submitted.

11. Have you engaged an environmental consultant to conduct environmental impact studies? ☒ Yes ☐ No

12. Have you engaged a consultant to prepare a financial plan?
☐ Yes ☒ No

13. Have you engaged a consultant to prepare a Revenue Program?
☐ Yes ☒ No

14. Describe briefly the problem or situation that requires you to embark upon a sewerage project: Two of three involved agencies do
not meet current ocean discharge policy.

15. Although you probably have not yet completed a thorough engineering and environmental analysis of the alternative solutions to your problem, describe the alternative that, at this stage, appears to be the most likely recommended project: See previously submitted
documents.

16. Current Estimated Eligible Cost of this project: \$5,658,000 per previous
Probably \$3,600,000 + escalation per

17. Describe the other major treatment and disposal alternatives which recent you intend to evaluate, including the ultimate disposal point:

DISPOSAL: Reclamation, subsurface disposal and/or ocean.

TREATMENT: Consolidation, partial consolidation & variations.



18. Do you anticipate that your project will involve consolidation with other communities? xx Yes No

19. Have you, or do you intend to, contact local industries, agricultural water users, or others regarding the possibility of using reclaimed wastewater? xx Yes No

Explain: We have one signed contract and six letters of intent from
agricultural users.

20. It will likely be three years or more before your new facilities are in operation. Have you asked your engineers to investigate operational or low cost capital improvements at your existing facilities which would improve the quality of your effluent during this period? xx Yes No

Explain a "No" answer: _____

21. Has an environmental impact analysis of alternative plans been scheduled to yield impact information to local Agency decision makers prior to selection of a recommended plan? xx Yes No

22. Environmental Impact Reports are subject to intensive review by many agencies. Have you anticipated pitfalls? Example: Air Resources Control Board's concern over direct impacts (plant emissions) and indirect impacts (surplus capacity supporting new growth in a critical air basin such as Los Angeles area) and have you contacted agencies of expertise to begin dialogue with same? xxx Yes No

23. Firm financing of local agency's share of project and firm ability to meet cash flow demands during construction must be demonstrated in detail as soon as possible. Are you taking steps to anticipate cash flow problems and resolve same? XX Yes No
24. Have you developed a schedule for a bond election? Yes XX No
Explain a "No answer: Premature.
-
-
25. Waste discharge requirements are now called NPDES permit under the National Pollutant Discharge Elimination System. Proposed waste discharge requirements should be developed for each alternative project prior to the completion of the project report. This should be done through consultation with the Regional Board and by review of the interim basin plan. Your local Regional Board must certify that the waste discharge requirements on the recommended alternative are "current" and "adequate" prior to State certification of the project. Have you contacted your Regional Board and worked out a schedule to achieve current discharge requirements? XX Yes No
26. Irrespective of waste discharge requirements (NPDES Permit) agencies receiving grants are required by Federal regulation to propose a project which provides, as a minimum, secondary treatment by July 1, 1977, i.e., a effluent limitation at least down to the following levels:

<u>Parameter</u>	<u>Units</u>	<u>Monthly Average</u>	<u>Weekly Average</u>
BOD ₅	mg/l	30	45
SS	mg/l	30	45
Fecal Coliform	MPN/100 ml	200	400
Hydrogen ion concentration	pH units	6.0 to 9.0	6.0 to 9.0

27. Does the project you are proposing meet or terminate in a treatment plant which meets this minimum secondary effluent standard?
☒ Yes ☐ No
28. The recommended plan must be compatible with the currently adopted Water Quality Control Plan (Basin Plan) and regional projects must be compatible with the latest concepts of the proposed comprehensive basin plans now being proposed. Have you received a copy of the Interim Basin Plan for your area and are you coordinating this aspect closely with the Regional Board? ☒ Yes ☐ No
29. Implementation of your project will require coordination with the local land use regional planning agency. Have you commenced or do you maintain a continuing dialogue with staff officials of the regional planning agency covering your area? ☒ Yes ☐ No
30. What is the name of, address, phone number, and name of key official of the regional planning agency covering your area?
- Name: Mr. Wade Egner
- Address: ABAG, Hotel Claremont, Berkeley, Ca. 94705
- Official:
- Phone: 841- 9730
31. The deadline for submittal of final plans and specifications for F.Y. 1973-74 projects will be indicated in your concept approval letter, however, in no case will the deadline be later than April 1, 1975. Have you developed a schedule with sufficient lead time to complete the final plans and specifications prior to the April 1, 1975 deadline. Yes ☒ No

32. Does your wastewater have any unusual characteristics, either due to industrial wastes or other factors, or are you faced with exceptionally stringent discharge requirements or both? Yes XX No

Explain a "Yes" answer: _____

If the answer to the above question is yes, are you considering conducting pilot plant studies? XXX Yes No

If yes, briefly explain: For subsurface disposal.

Note: Pilot plant studies require prior approval if costs are to be considered eligible for grants.

33. If certain industries make significant waste load contributions to your system, are you working closely with these industries, keeping them abreast of your studies, and encouraging them to investigate source of control measures and possibly pretreatment? NA Yes NA No
- Implementation of many projects often involves the need for permits from other governmental units, i.e., State Lands permit if crossing tideland areas with a facility, a U.S. Corps of Army Engineers permit, if building an ocean outfall, coordination with Department of Fish and Game concerning proposed projects which will direct, obstruct, or change natural flow or bed of a river, stream or lake (refer to Section 1601 of Fish and Game Code), and Coastal Commission permits for projects within 1000 yards of the Pacific Coast line.
34. Have you scheduled acquiring all necessary permits? XX Yes No



35. Have you sat down with your expert advisors and developed an implementation plan including tasks, key events, and actions to accomplish implementation of your project? Yes XXNo
36. In the quite common case where more than one agency is participating in a project, contractual arrangements are required prior to certification of the project. Are you pursuing a schedule to accomplish this? XXXYes No
37. Public Law 91-646, the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 may effect your project. Comprehensive federal regulations implementing the act were published in Title 40, Chapter 1, Subchapter A, Part 4 of Rules and Regulations (see Federal Register, Volume 36, No. 164 - Tuesday, August 24, 1971). Paragraphs 4.251 through 4.263 deal with Acquisition of Real Property. Quite specific acquisition procedures are outlined. Has your legal advisor reviewed these paragraphs and the act in general and advised you of the impact on your land acquisition program? YesXXXXNo
38. You should thoroughly review the new Clean Water Grant Regulations. If you have questions relating to priorities, cost effectiveness, infiltration/inflow limitations, etc., please indicate them below:



39. Potential Problem Areas. Do you foresee any potential problems with your project, such as: problems with financing the project, problems with complying with the waste discharge requirements at a practicable cost, problems with local support of a project, problems with environmental impact or with local environmental concerns, political or institutional problems, if it is a joint project, problems with local industry, problems in obtaining permits or problems in complying with the basin plan? xxx Yes No

Explain: Political - concerning consolidation arrangements.

Signature of person submitting questionnaire for agency noted:

Benny Roth
(Signature)

City Engineer
(Title)


City of Half Moon Bay
(Agency or Firm)

October 1, 1973
(Date)

Complete this questionnaire as soon as possible and in no case later than October 1, 1973, and return to Jim Cornelius of the Grant Team Staff at State Water Resources Control Board, Room 1015, 1416 Ninth Street, Sacramento, California 95814.



SUMMARY PROPOSED CLEAN WATER PROJECT

NAME OF PROJECT San Mateo County Mid-Coastside Water Pollution Control Facilities-1975		
LEGAL NAME OF APPLICANT City of Half Moon Bay		
NAME AND TITLE OF REPRESENTATIVE Fred Mortensen, City Manager	SIGNATURE OF REPRESENTATIVE 	DATE 8/12/75
ADDRESS TO WHICH ALL CORRESPONDENCE AND DOCUMENTS SHOULD BE SENT City Hall, 501 Main St., Half Moon Bay, CA 94019		PHONE (415) 726-5566
NAME OF ENGINEERING CONSULTING FIRM (OR OTHER) Trotter-Yoder & Associates/Barrett & Assoc./Resources Engineering & Management, a joint venture.		
NAME AND TITLE OF ENGINEER TO CONTACT Max E. Burchett, Project Manager		
ENGINEER'S ADDRESS Trotter-Yoder & Assoc., 2085 N. Broadway, Walnut Creek, CA 94596		PHONE (415) 938-2050

BRIEF DESCRIPTION OF PROJECT INCLUDING CAPACITY (ATTACH SCHEMATIC AND/OR LAYOUT)
 Regional program to consolidate effluent disposal facilities for the City of Half Moon Bay and the Granada and Montara Sanitary Districts. Effluent disposal will either be in the vicinity of the existing Half Moon Bay outfall or to the ocean near Miramontes Point, depending on the results of oceanographic studies currently underway. Existing treatment facilities for each discharger will be upgraded to provide reliable secondary treatment by the activated sludge process.

POPULATION SERVED BY PROJECT	1970 CENSUS	DESIGN YEAR 19	POPULATION EQUIVALENT SERVED BY PROJECT	1970	DESIGN YEAR 19
	9,533	23,000		9,533	23,000

PURPOSE OF PROJECT
 Improvement of existing ocean water quality by relocating existing waste discharges in accordance with the California Ocean Plan and recently adopted NPDES permits.

DOES PROJECT REPORT CONSIST OF MORE THAN ONE SEPARATELY BOUND REPORT? YES ☒ NO ☐

YES, LIST ALL REPORTS WHICH TOGETHER CONSTITUTE THE COMPLETE PROJECT REPORT

1. San Mateo County Mid-Coastside Project Report.
2. San Mateo County Mid-Coastside Environmental Impact Report.
3. San Mateo County Mid-Coastside Revenue Program and Financial Plan.

TO BE COMPLETED BY REGIONAL BOARD			TO BE COMPLETED BY DIVISION	
REGIONAL BOARD		NO.	DATE COMPLETE PROJECT REPORT RECEIVED	
PROJECT LIST (FISCAL YEAR) GROUP BASIN (NAME AND NUMBER)			BY (INITIAL)	
DATE COMPLETE PROJECT REPORT RECEIVED		BY (INITIAL)	ASSIGNED EVALUATOR	
			BY (INITIAL)	
			PROCESSING PRIORITY PROJECT NO. WPC-CAL-	

NOTE: IMMEDIATELY MAIL THREE COPIES TO DIVISION, COMMENTS AND RECOMMENDATION MUST FOLLOW WITHIN 30 DAYS

PROJECT COST ESTIMATE*

	APPLICANT'S ESTIMATE OF TOTAL PROJECT COST	APPLICANT'S ESTIMATE OF COST ELIGIBLE FOR GRANT PARTICIPATION	%
1. CONSTRUCTION**			
(A) CONTRACT NO.	\$	\$	
(B) CONTRACT NO.	\$	\$	
(C) CONTRACT NO.	\$	\$	
(D) CONTRACT NO.	\$	\$	
(E) CONTRACT NO.	\$	\$	
(F) LATER CONTRACTS	\$	\$	
(G) EQUIPMENT AND MATERIALS	\$	\$	
SUB-TOTAL	\$4,680,000	\$3,510,000	75
2. TECHNICAL SERVICES	\$ 470,000	\$ 470,000	100
3. LEGAL AND FISCAL	\$ 100,000	\$ 100,000	100
4. ADMINISTRATIVE	\$ 50,000	\$ 50,000	100
5. CONTINGENCY	\$ 940,000	\$ 705,000	75
6. OTHER (SPECIFY)	\$ --	\$ --	
7. SITE	\$ 11,000	\$ XXXXXXXXXXXXXXX	XXXX
8. TOTAL	\$ 6,251,000	\$ 4,835,000	100%

* LEVEL OF COST ESTIMATE (YEAR): 19 76

**IDENTIFY BRIEFLY EACH CONTRACT AND SHOW MAJOR COST BREAKDOWN (I.E., FILTER, DIGESTER, CHLORINATOR, ETC.):